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Linda Kizer

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

BARCHFELD et al.

Serial No.: 09/044,696

Art Unit: 1645

Filing Date: March 18, 1998

Examiner: S. Devi

Title: DETOXIFIED MUTANTS OF BACTERIAL ADP-RIBOSYLATING TOXINS AS
PARENTERAL ADJUVANTS

AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

This paper is filed in response to the Office Action mailed on October 22, 2002.
Submitted herewith is a request for a three-month extension of time and appropriate fee, making
a response due on or before April 22, 2003. Accordingly, this response is timely filed.

I. AMENDMENTS

In the claims:

19. (Twice Amended) A method for immunizing a vertebrate subject against at least one selected antigen, the method comprising the step of parenterally administering to the vertebrate subject an immunologically effective amount of

- a) a parenteral adjuvant comprising a detoxified mutant of an *E. coli* heat-labile (LT) ADP-ribosylating toxin in combination with a pharmaceutically acceptable vehicle, wherein said detoxified mutant is LT-R72; and
- b) at least one selected antigen.

✓ Please cancel claim 21, without prejudice or disclaimer.

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